



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/873,249	06/05/2001	Shigehiro Kadota	35.C15408	5979

5514 7590 09/25/2003

FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NY 10112

EXAMINER

JORGENSEN, LELAND R

ART UNIT	PAPER NUMBER
----------	--------------

2675

DATE MAILED: 09/25/2003

6

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/873,249

Applicant(s)

KADOTA, SHIGEHIRO

Examiner

Leland R. Jorgensen

Art Unit

2675

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 - 8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 - 8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claim 1 – 7 are rejected under 35 U.S.C. 102(e) as being anticipated by Bruning, US 2002/0135536 A1.

Claim 1

Bruning describes a display system 10 for displaying an image to be displayed by an image processing device [display screen 12], divisionally on a plurality of display devices. The display system comprises the image processing device [display screen 12] and a first display device [input screen 16] for displaying an image on a first display unit. Bruning, p. 3, ¶¶ 0034 - 0035; and figure 1. A second display device [personal viewing device 34] displays an image on a second display unit. Bruning, p. 5, ¶ 0064. A first coordinate value input device [marking unit 20] is provided in correspondence with the first display unit. Bruning, p. 3, ¶¶ 0034 – 0035 and figures 1, 6 & 8. A second coordinate value input device is provided in correspondence with the second display unit. Bruning, p. 5, ¶¶ 0065 – 0066; p. 6, ¶ 0076; and figures 1, 6 & 8. The first display device has an input unit [presentation device 14] for receiving data from the first

coordinate value input device and data from the second coordinate value input device. Bruning, p. 6, ¶¶ 0070 – 0072; and figures 6 & 8.

Claim 2

Bruning teaches a conversion unit [projection unit 18] for converting coordinate data input from the first coordinate value input device, coordinate data input from the second coordinate value input device, or both the coordinate data, into coordinate value data on a screen before division constituted of a screen of the first display unit and a screen of the second display unit. Bruning, p. 2 ¶ 0032; 6, ¶¶ 0070 – 0072; and figures 6 & 8.

Claim 3

Bruning teaches a coordinate origin of the first coordinate value input device or a coordinate origin of the second coordinate value input device is made equal to a coordinate value origin of a screen before division constituted of a screen of the first display unit and a screen of the second display unit, and the display system further comprises a conversion unit for converting data from the coordinate value input device whose coordinate origin is not made equal to the coordinate origin on the screen before division, into coordinate value data on the screen before division. Bruning, p. 2 ¶ 0032; 6, ¶¶ 0070 – 0072; and figures 6 & 8.

Claim 4

Bruning teaches that the first display device has an output unit for outputting data from the first coordinate value input device and the second coordinate value input device to the image processing device, and the conversion unit executes a conversion process before the first display device outputs the data from the first or second coordinate value input device to the image

Art Unit: 2675

processing device via the output unit. Bruning, p. 2 ¶ 0032; 6, ¶¶ 0070 – 0072; and figures 6 & 8.

Claim 5

Brunner teaches that the first display device has the conversion unit. Bruning, p. 3 ¶¶ 0041 – 0043; and figure 3A.

Claim 6

Bruning teaches that the first display device has an output unit for outputting data from the first and second coordinate value input devices to the image processing device. Bruning, p. 2 ¶ 0032; 6, ¶¶ 0070 – 0072; and figures 6 - 8.

Claim 7

Bruning teaches that the second display device has a signal transmission unit [network unit 22] for transmitting data from the second coordinate value input device to the first display device, and the first display device has a signal reception unit for receiving the data transmitted from the data transmitted from the signal transmission unit. Bruning, 5, ¶¶ 0061 – 0063; and figures 6 & 7.

3. Claim 8 is rejected under 35 U.S.C. 102(e) as being anticipated by Nielson et al., USPN 6,331,840 B1.

Claim 8

Nielson teaches a display device [PDA] comprising display means [LCD Panel – Left Side Screen] for displaying a partial area [left side] of a predetermined screen area [one virtual screen]; an input unit [Touch Screen - Controller Right Side] to which coordinate data is input

Art Unit: 2675

from a coordinate value input device [Touch Panel- Right Side] corresponding to another display means [LCD Panel – Right Side] for displaying another area [right side] of the predetermined screen area; and a conversion unit [Central Processing Unit and Display Controller – Right Side or Display Controller – Left Side] for converting the coordinate data into coordinate data on the predetermined screen area. Nielson, col. 3, lines 13 – 37; and figures 1 – 3.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Tada, USPN 6,252,563 B1, teaches a coordinate input apparatus for two or more screens.

Shishido, UPSN 6,137,490, teaches a computer system for operating dual displays.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leland Jorgensen whose telephone number is 703-305-2650. The examiner can normally be reached on Monday through Friday, 7:00 a.m. through 4:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven J. Saras can be reached on 703-305-9720.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)


Application/Control Number: 09/873,249
Art Unit: 2675

Page 6

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office, telephone number (703) 306-0377.

lrj



STEVEN SARAS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600